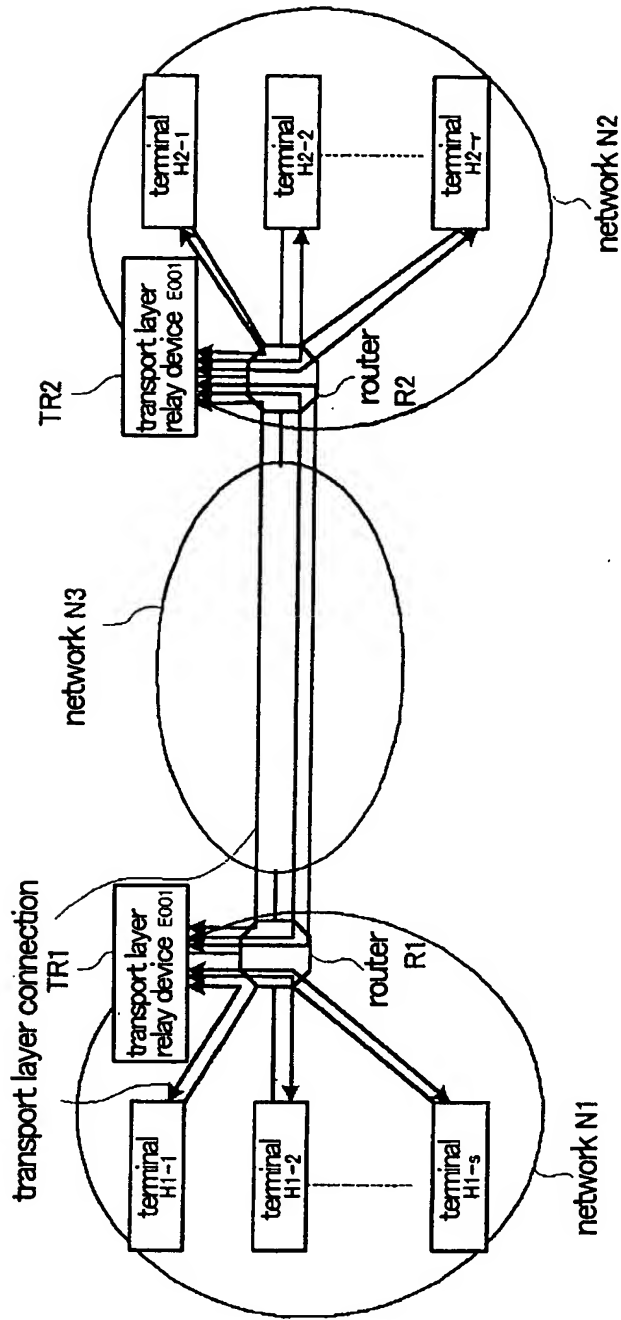
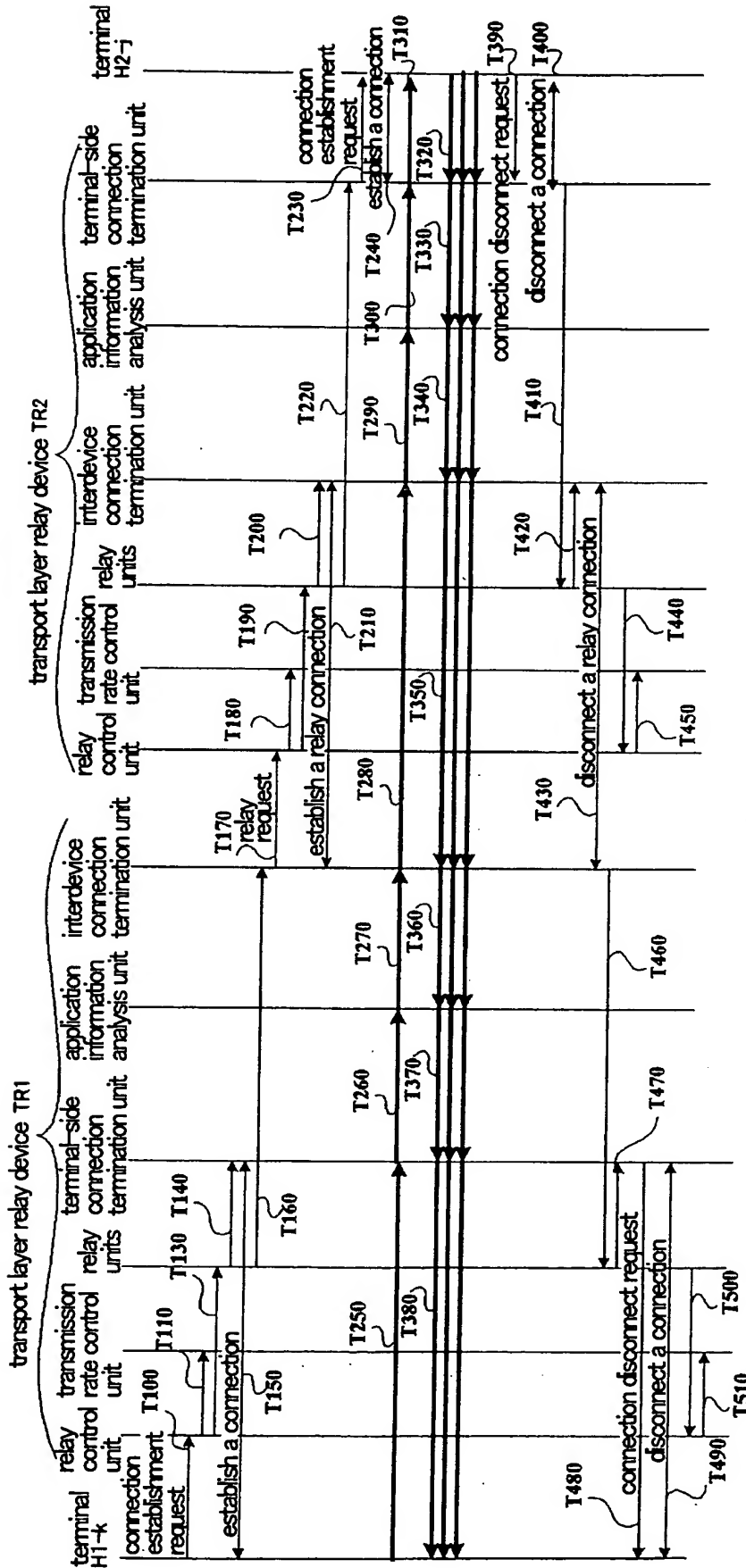


Fig. 2



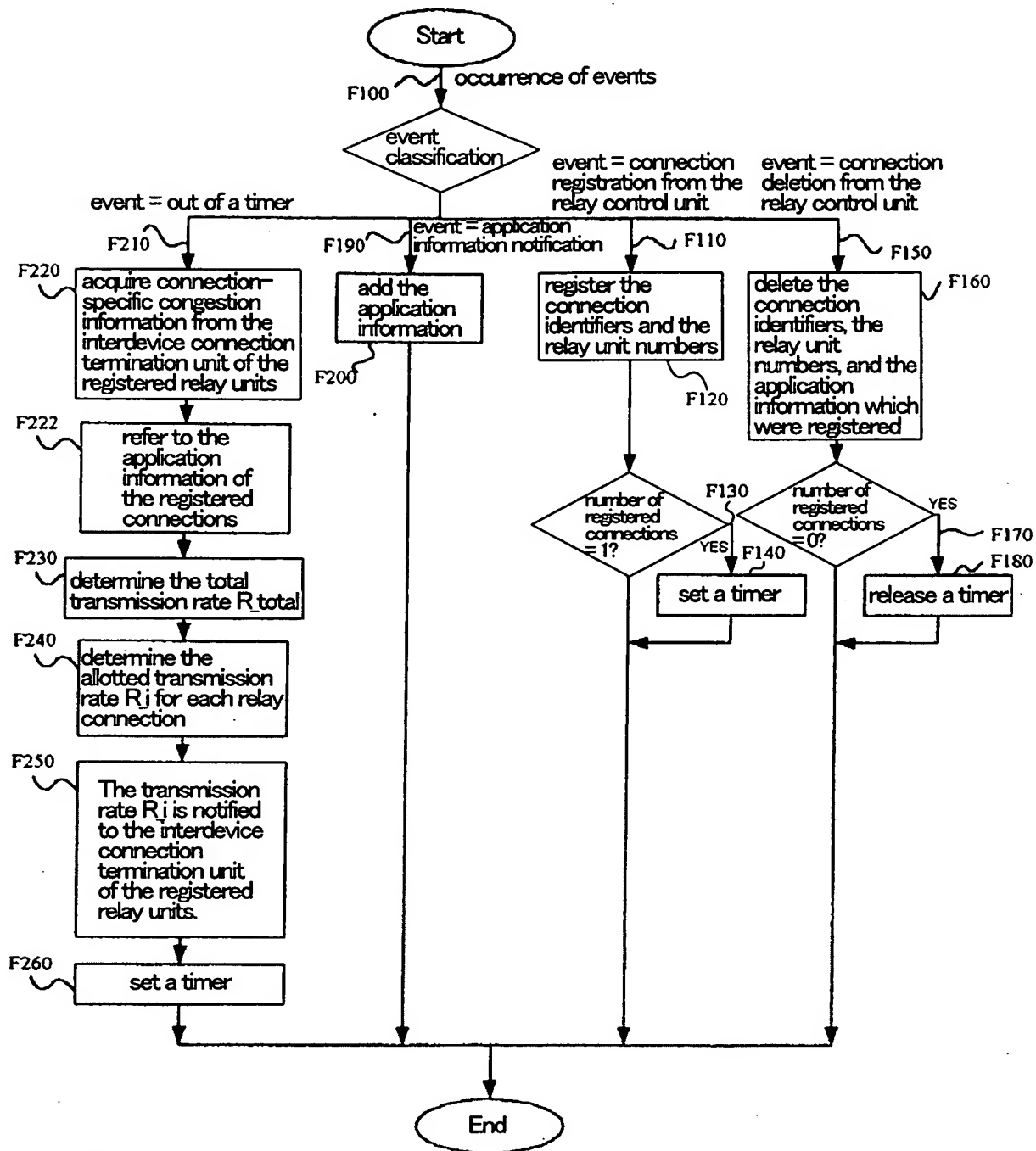
Network configuration that uses the transport layer relay device of the first embodiment

Fig. 3



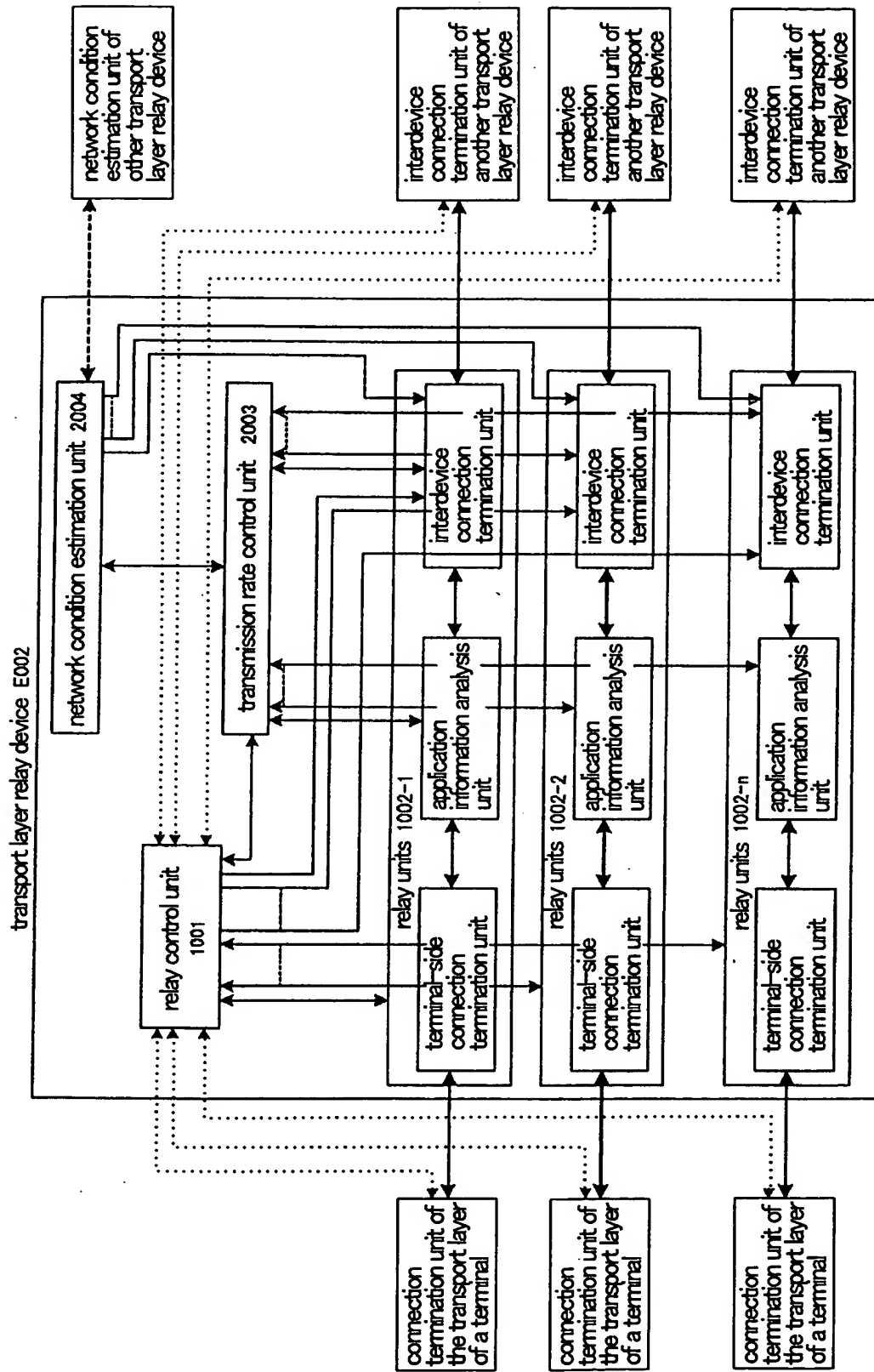
Operation explaining timing chart of the first embodiment

Fig. 4



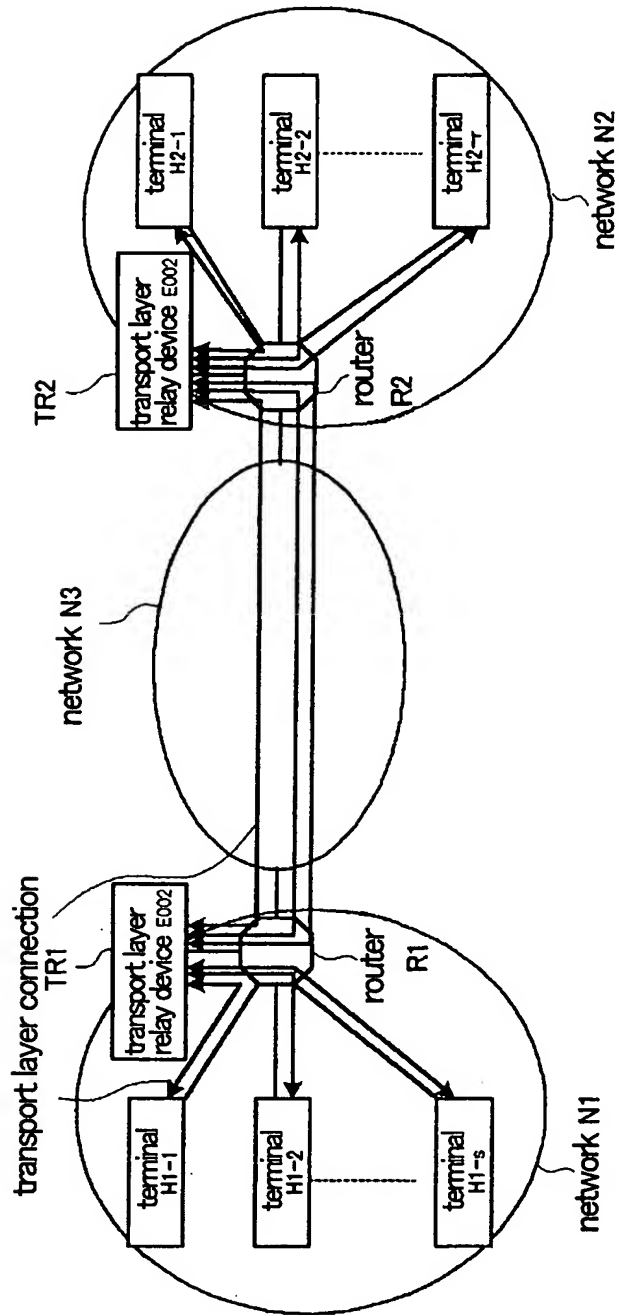
Flow chart of the operations of the transmission rate control unit of the first embodiment

Fig. 5



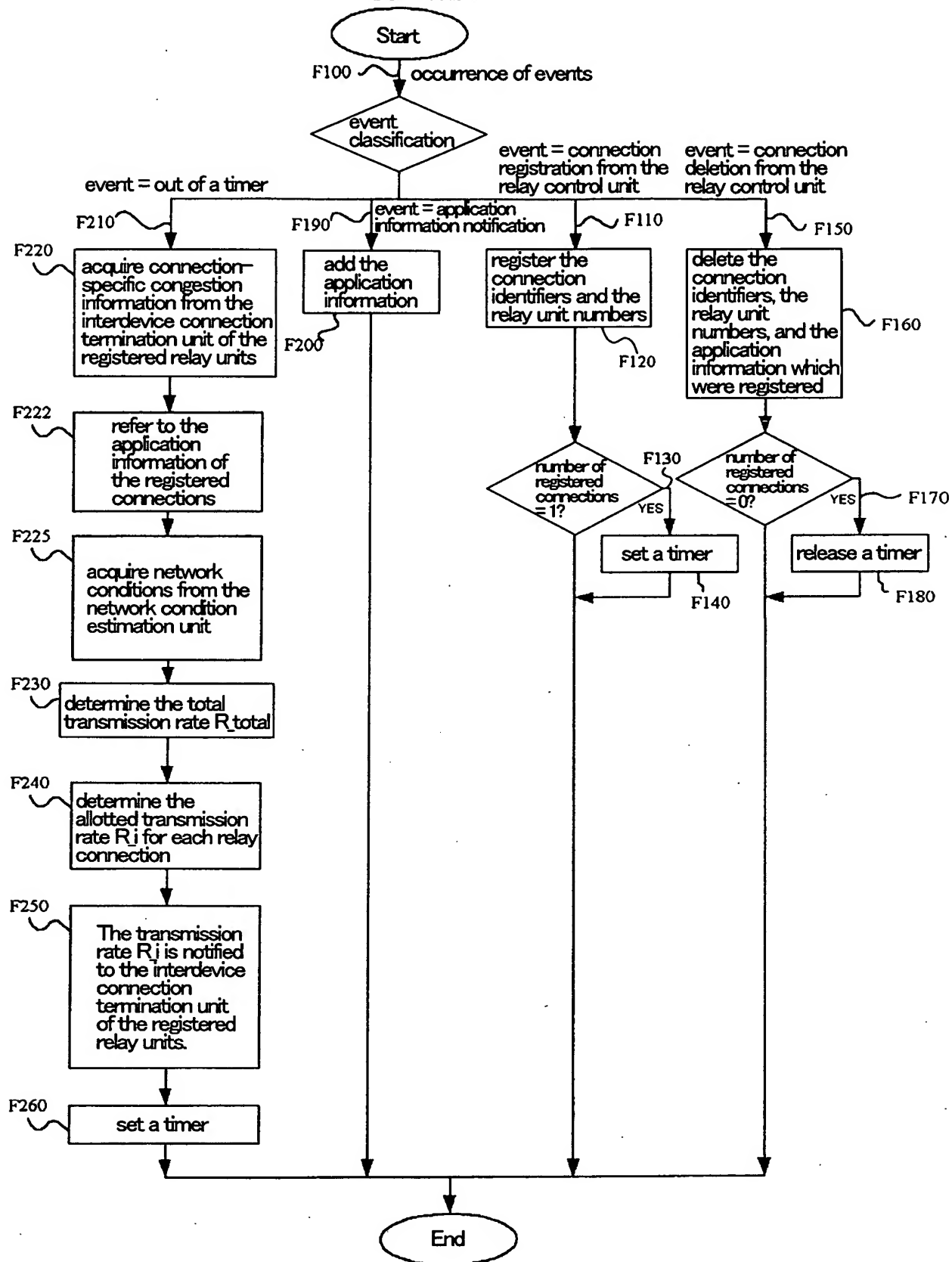
Configuration of a transport layer relay device according to the second embodiment

Fig. 6



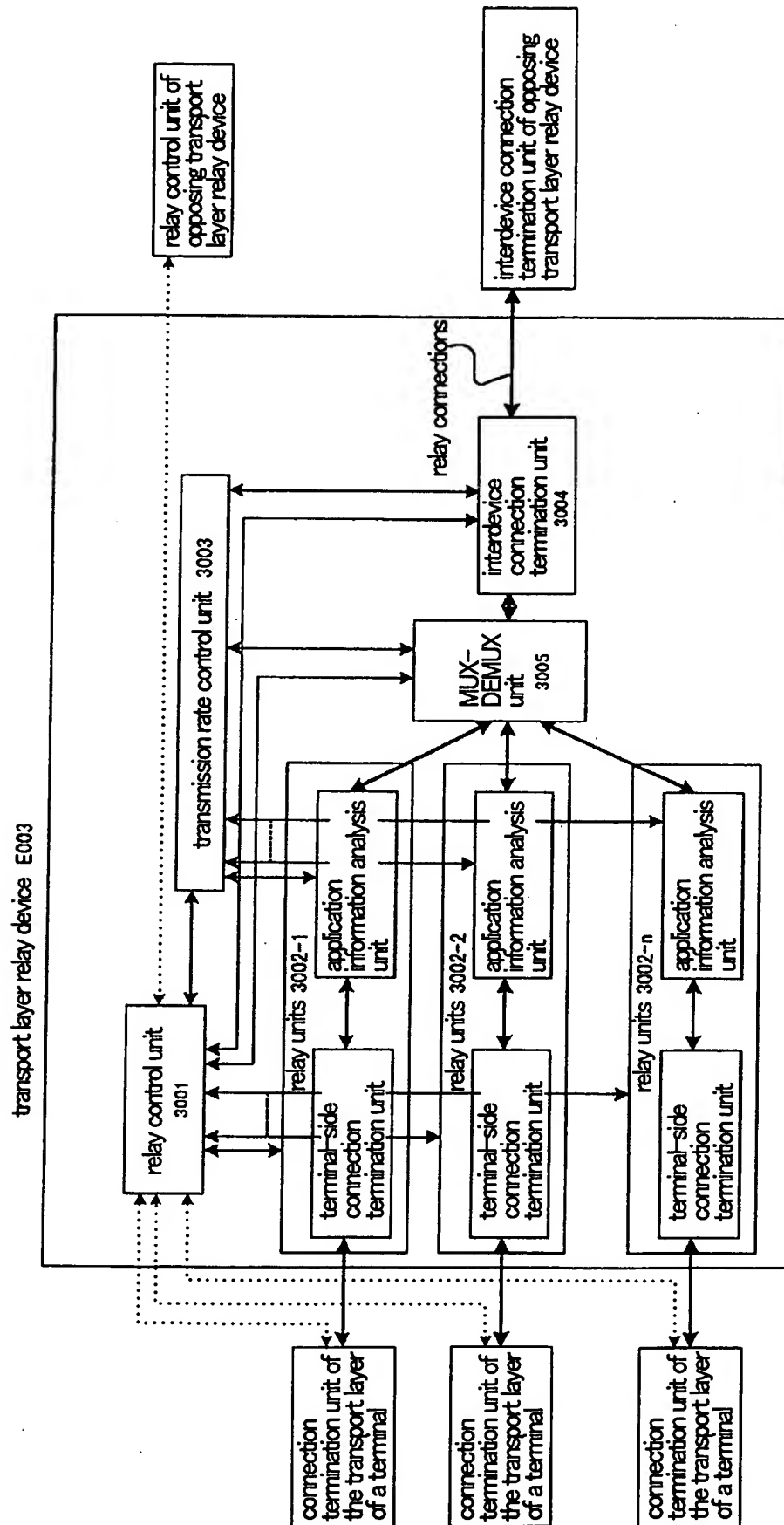
Network configuration that uses the transport layer relay device of the second embodiment

Fig. 7



Flow chart of the operations of the transmission rate control unit of the second embodiment

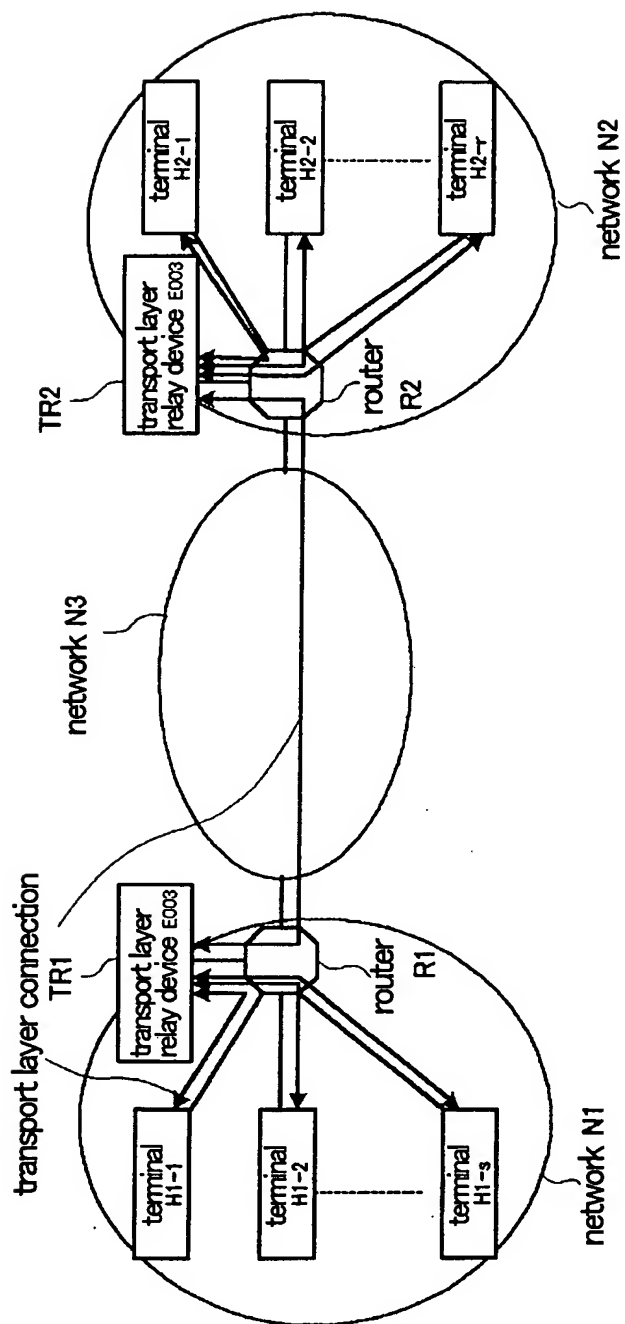
Fig. 8



Configuration of a transport layer relay device according to the third embodiment

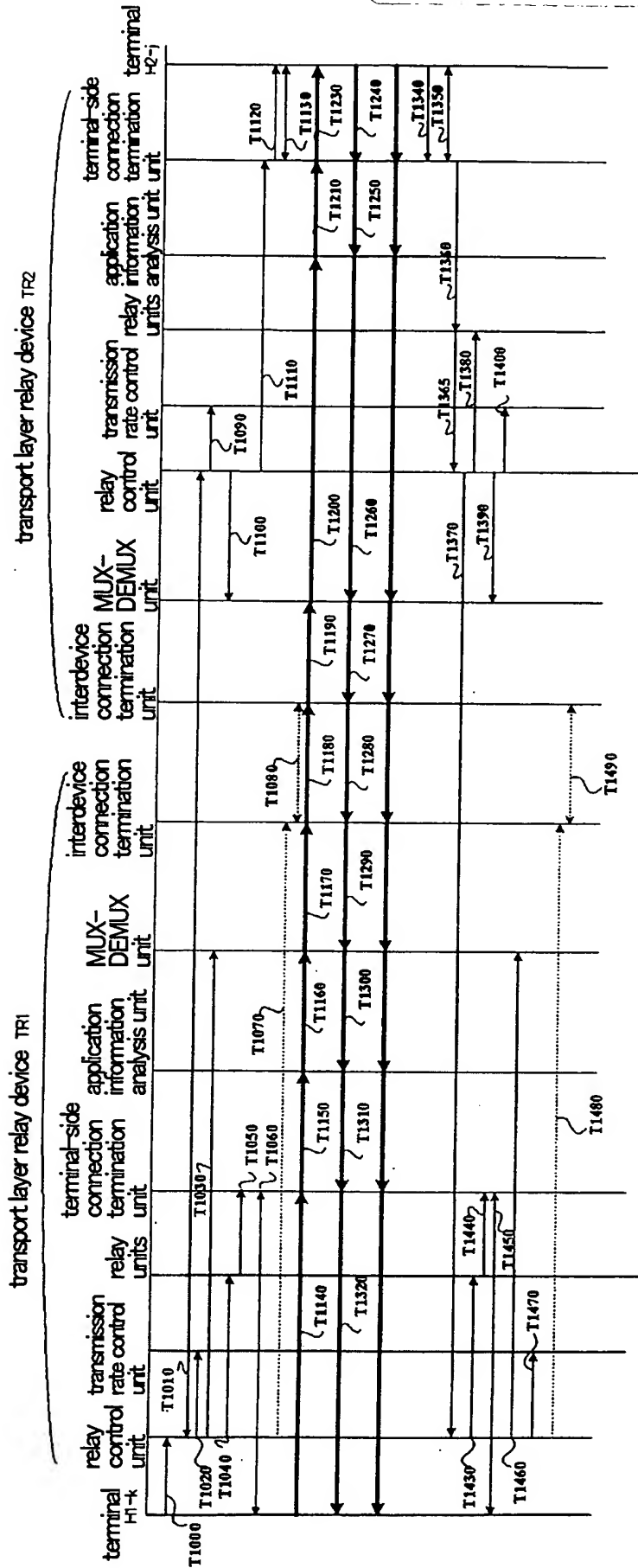


Fig. 9



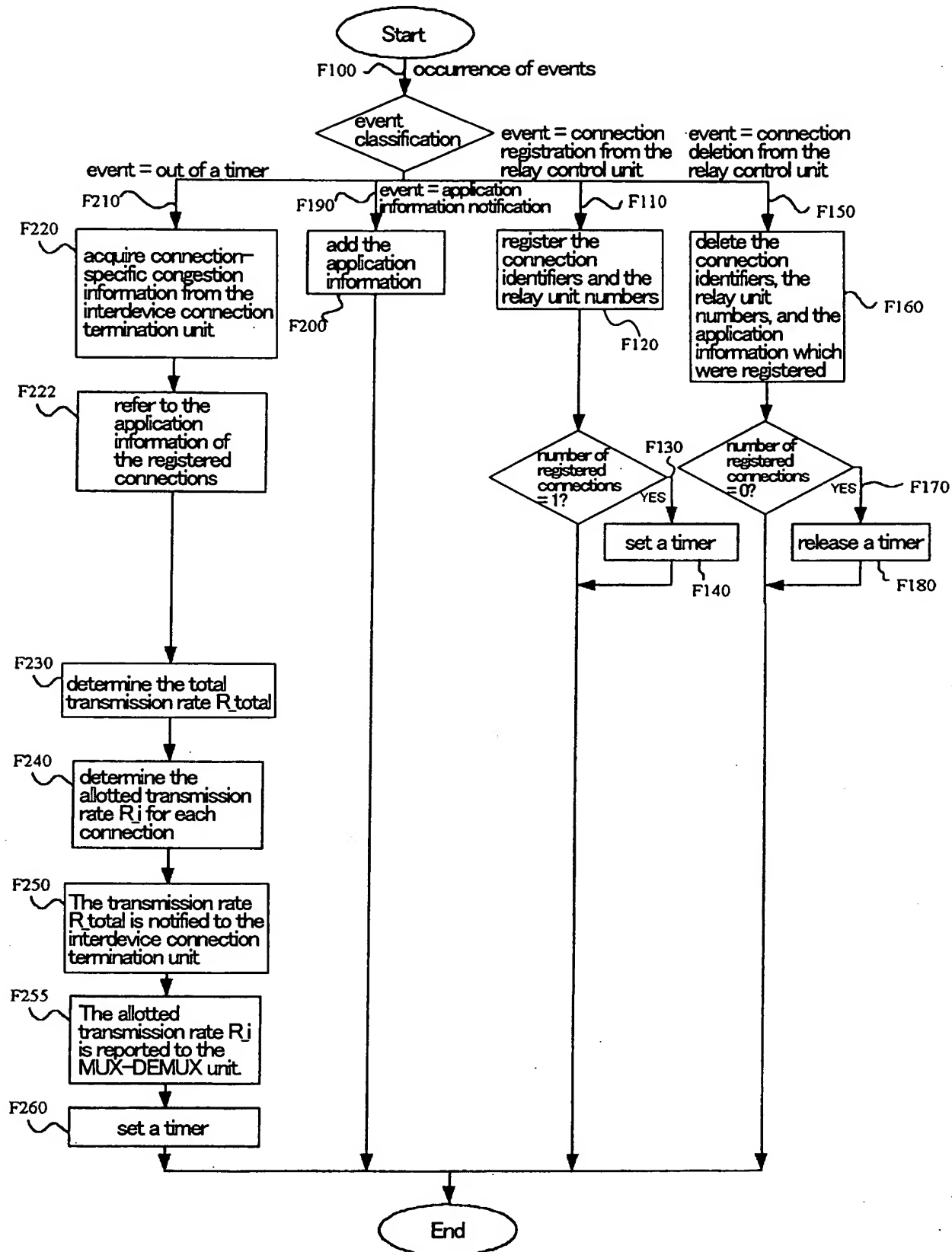
Network configuration that uses the transport layer relay device of the third embodiment

Fig. 10



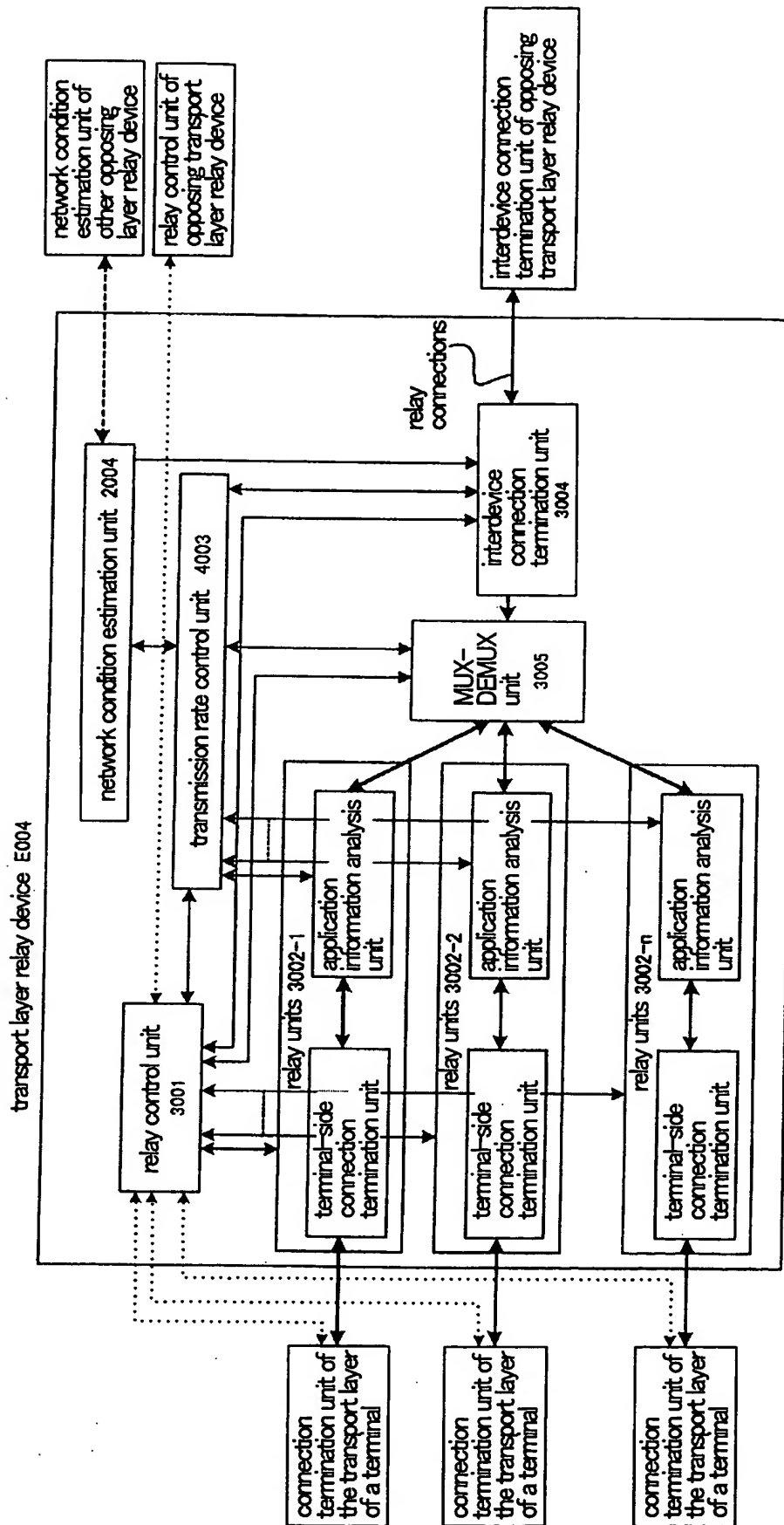
Operation explaining timing chart of the third embodiment

Fig. 11



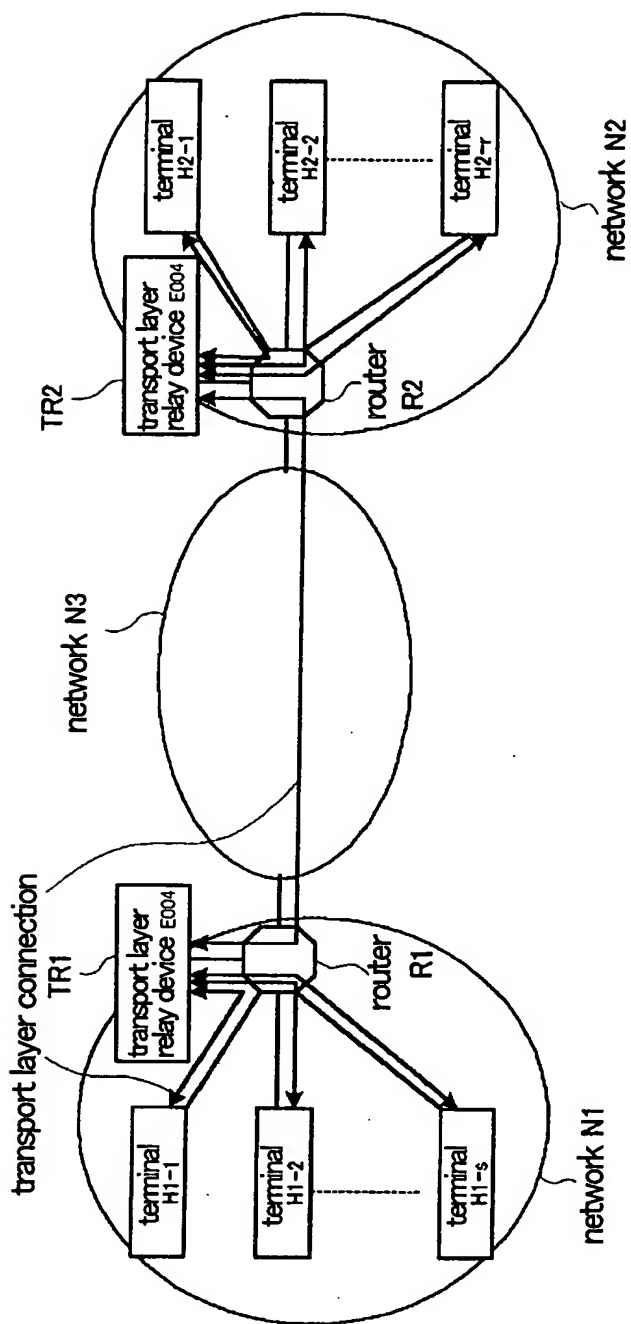
Flow chart of the operations of the transmission rate control unit of the third embodiment

Fig. 12



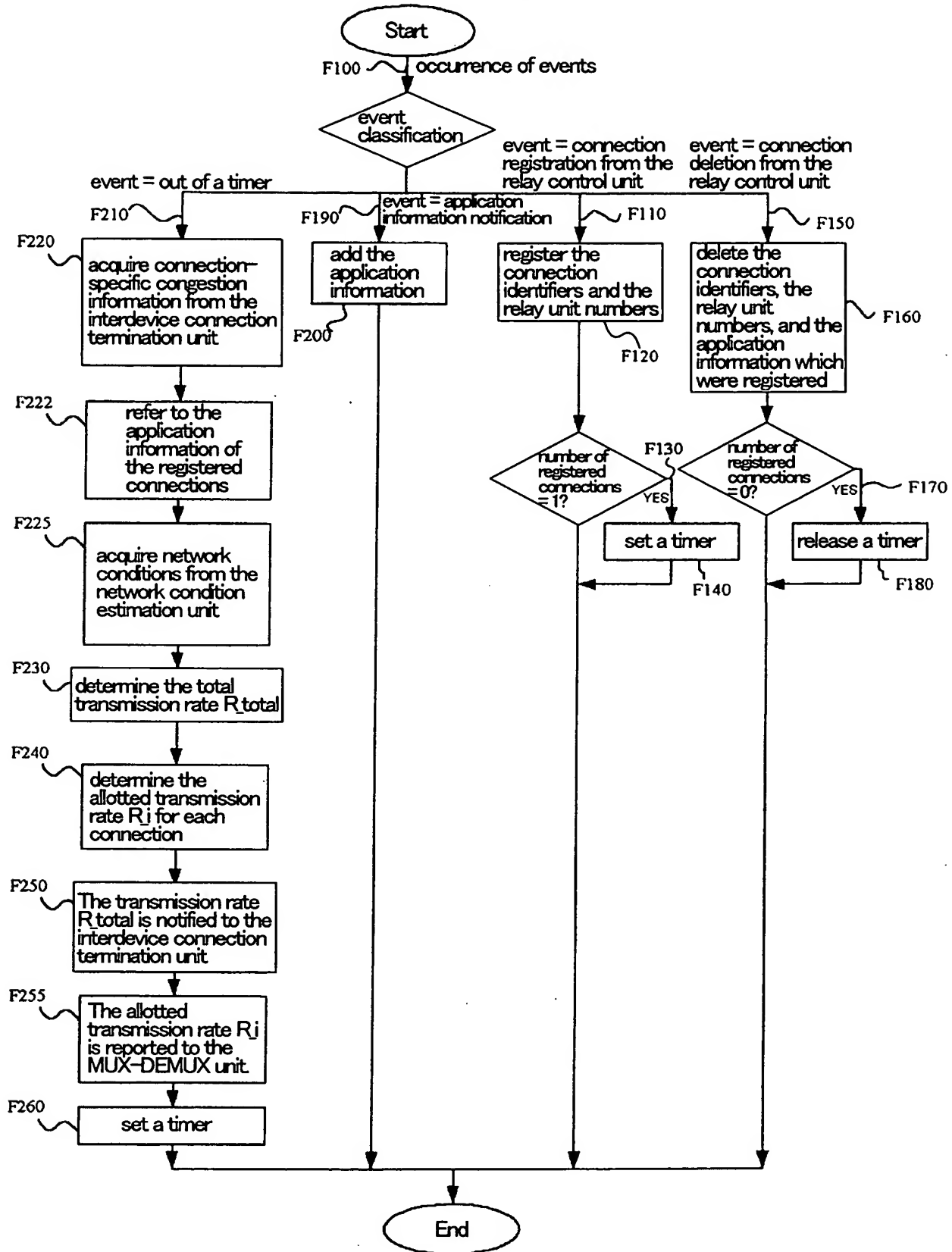
Configuration of a transport layer relay device according to the fourth embodiment

Fig. 13



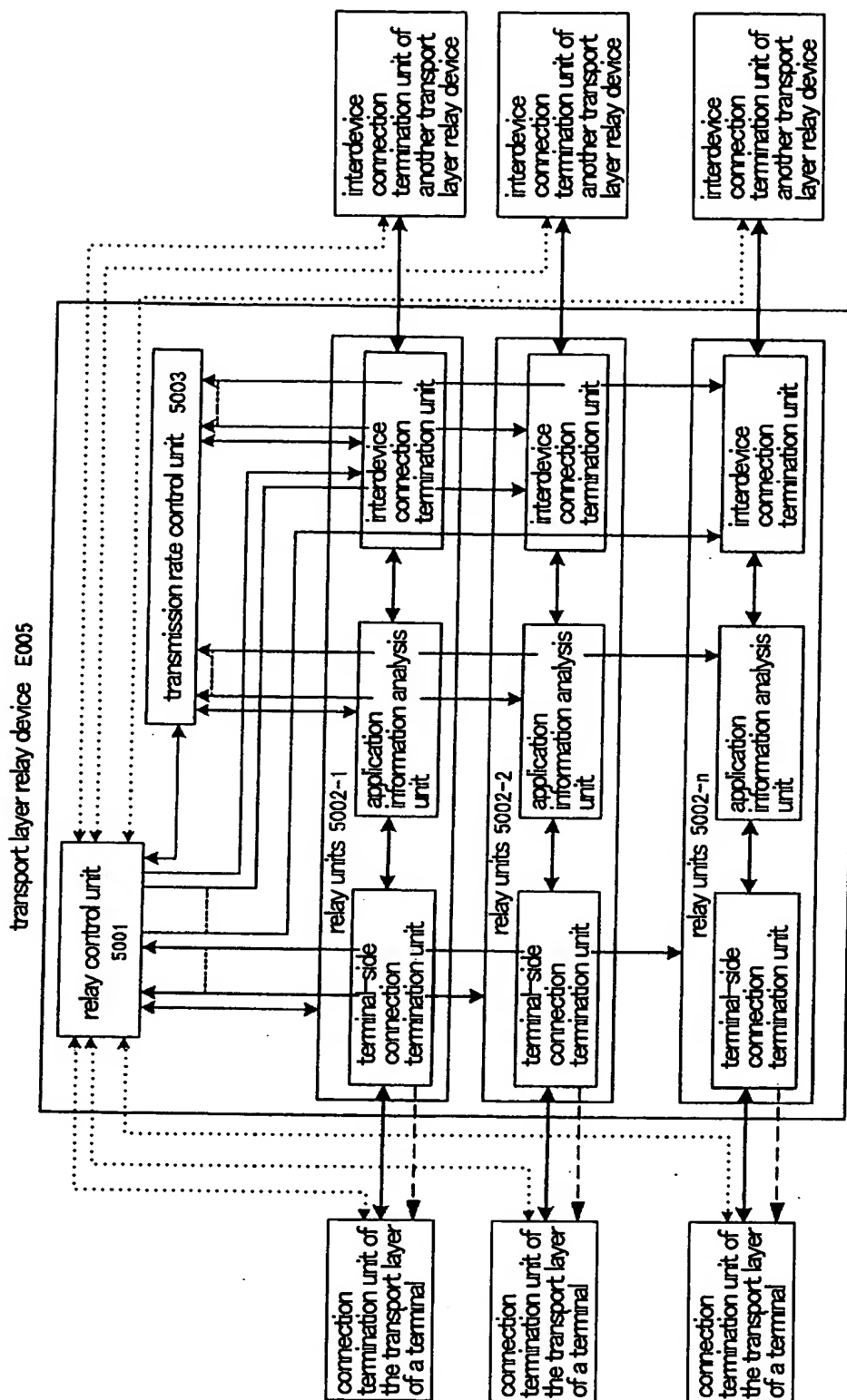
Network configuration that uses the transport layer relay device of the fourth embodiment

Fig. 14



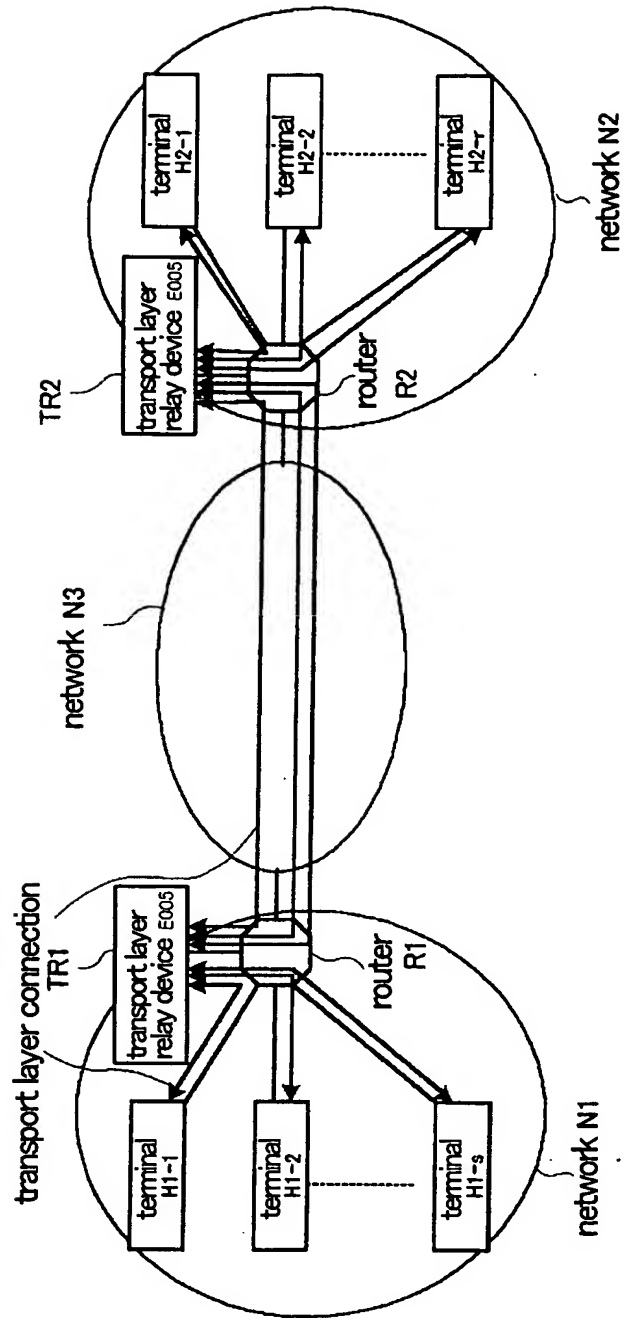
Flow chart of the operations of the transmission rate control unit of the fourth embodiment

Fig. 15



Configuration of a transport layer relay device according to the fifth embodiment

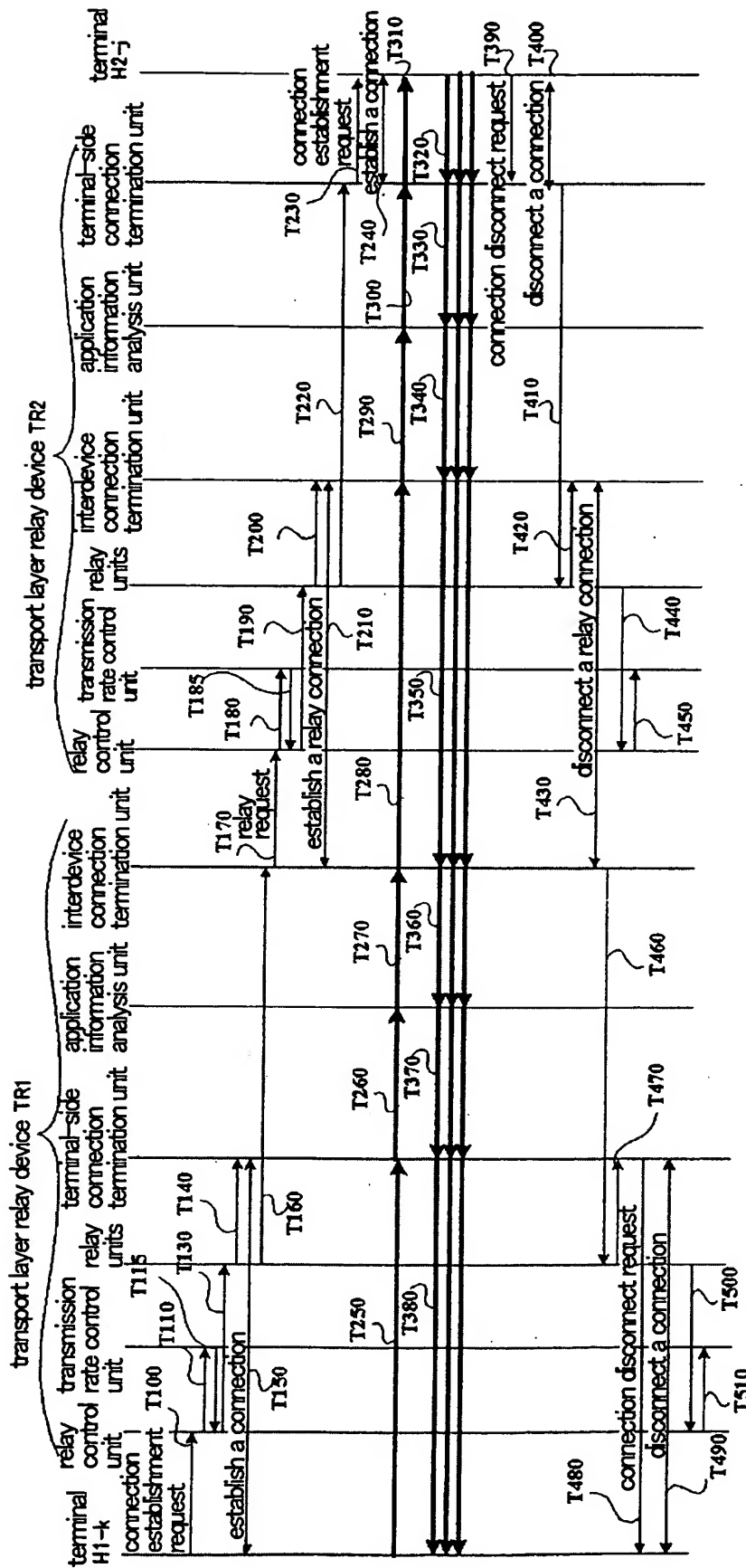
Fig. 16



Network configuration that uses the transport layer relay device of the fifth embodiment

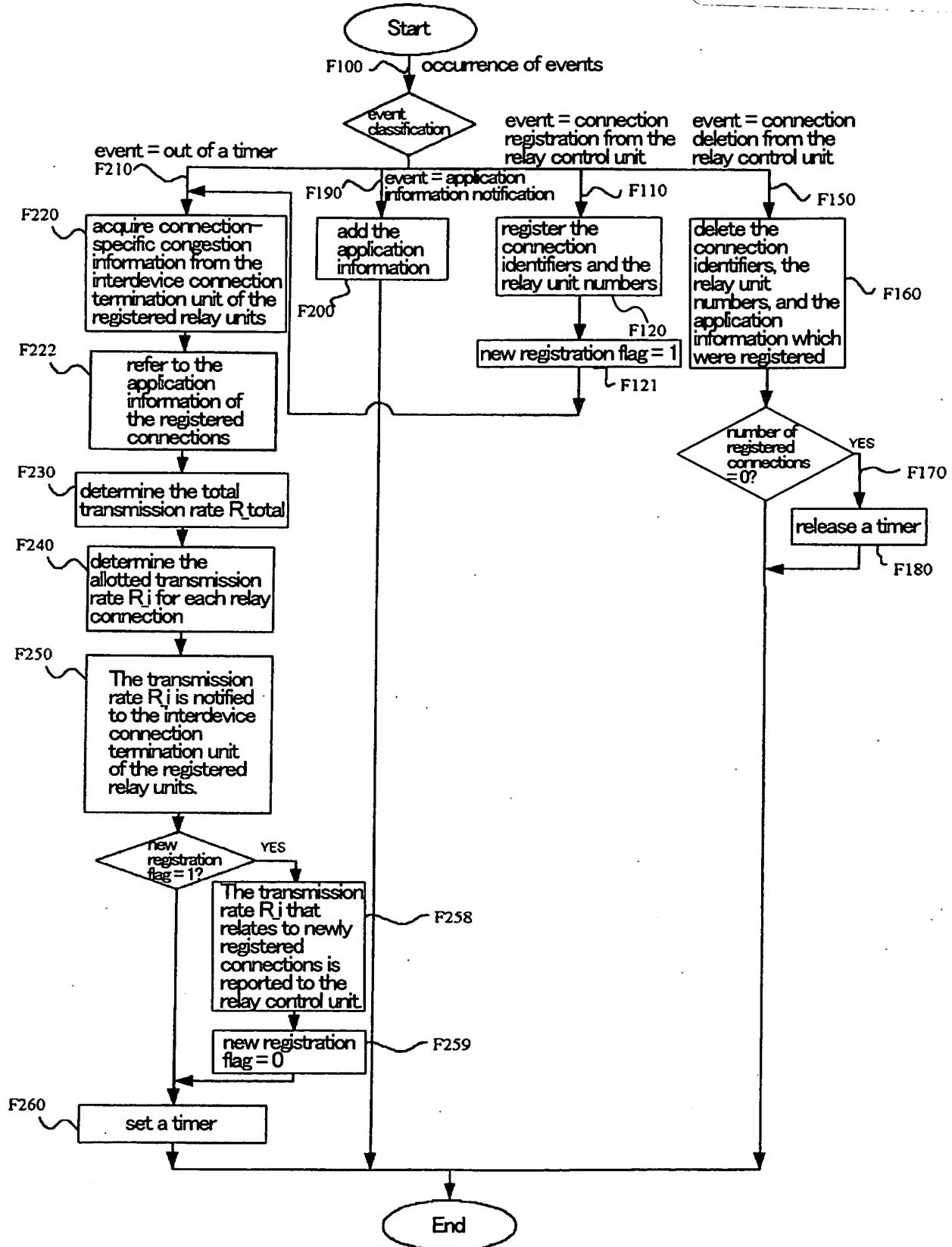


Fig. 17



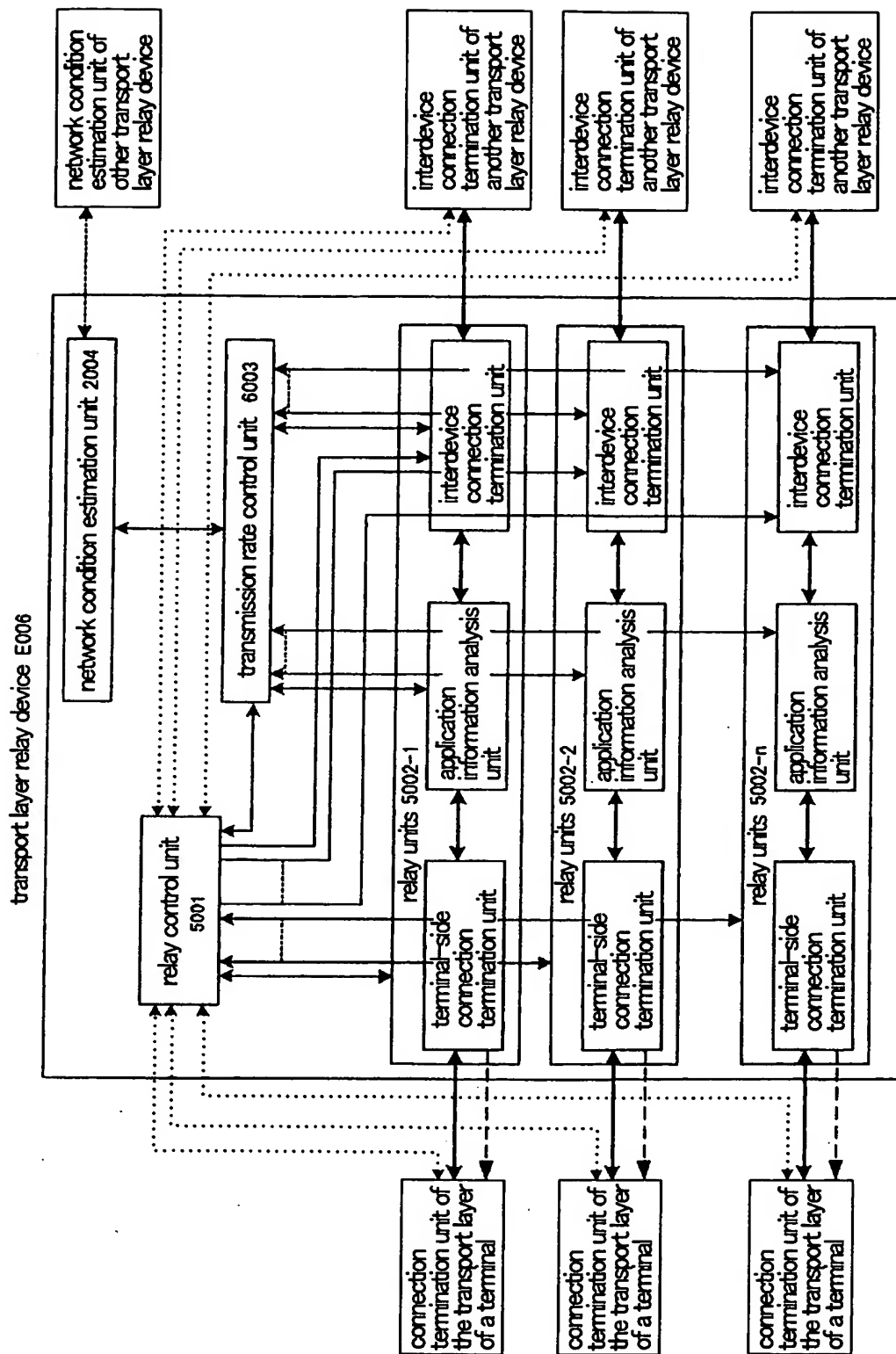
Operation explaining timing chart of the fifth embodiment

Fig. 18



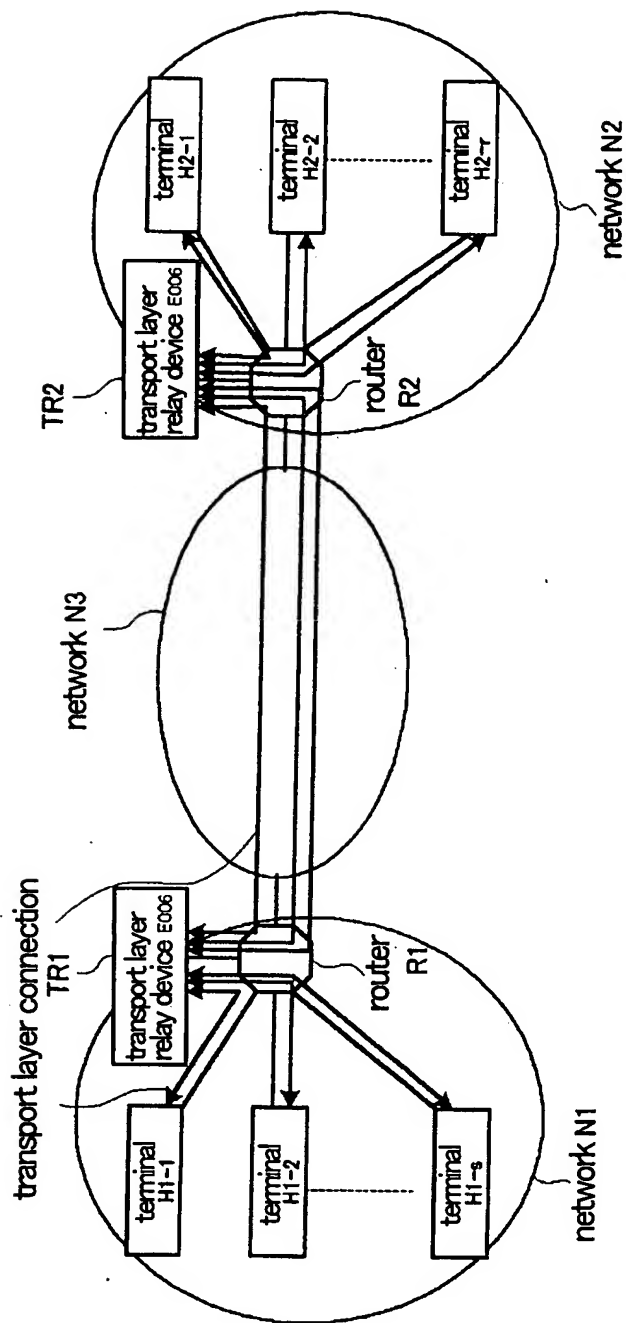
Flow chart of the operations of the transmission rate control unit of the fifth embodiment

Fig. 19



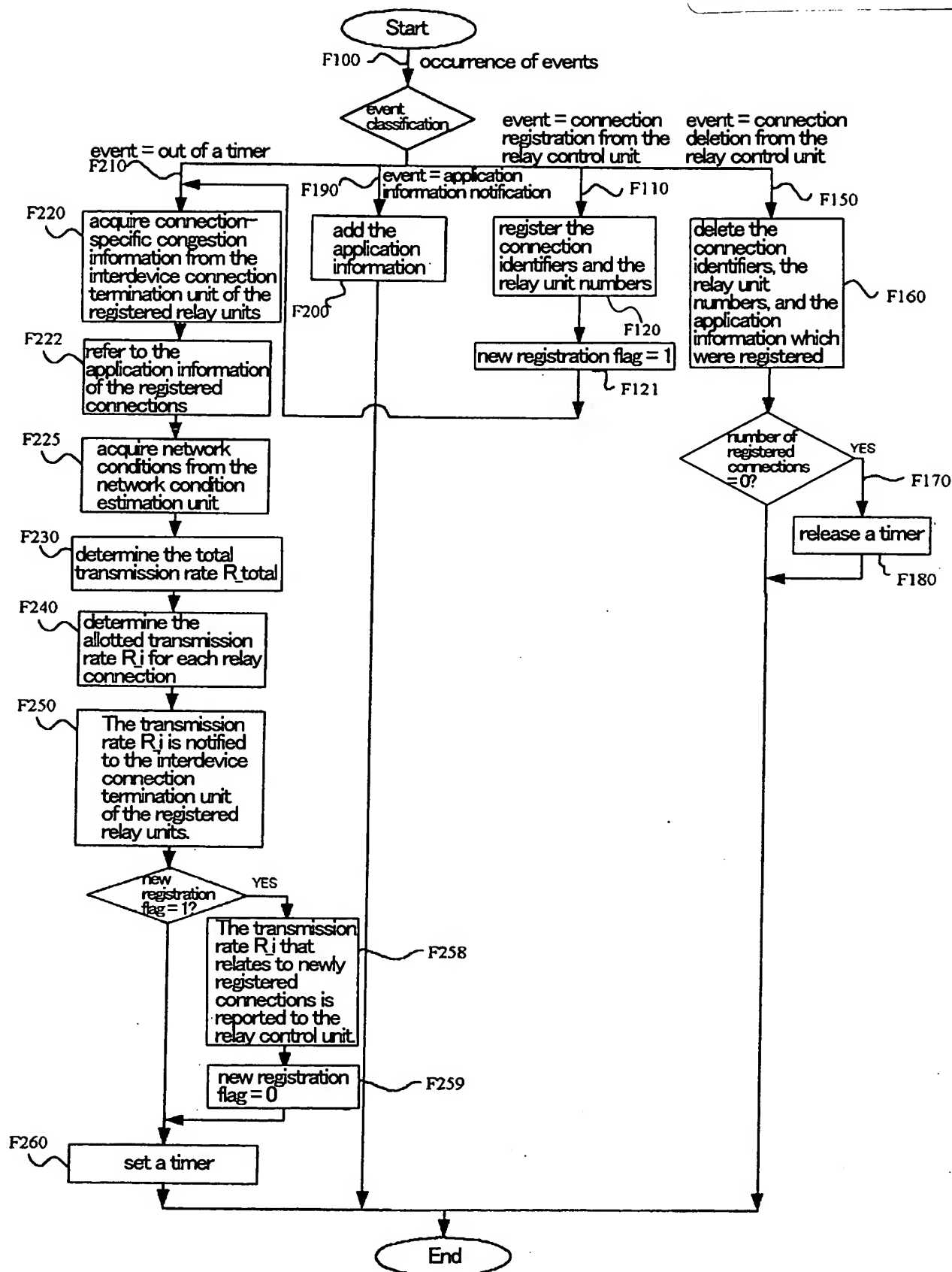
Configuration of a transport layer relay device according to the sixth embodiment

Fig. 20



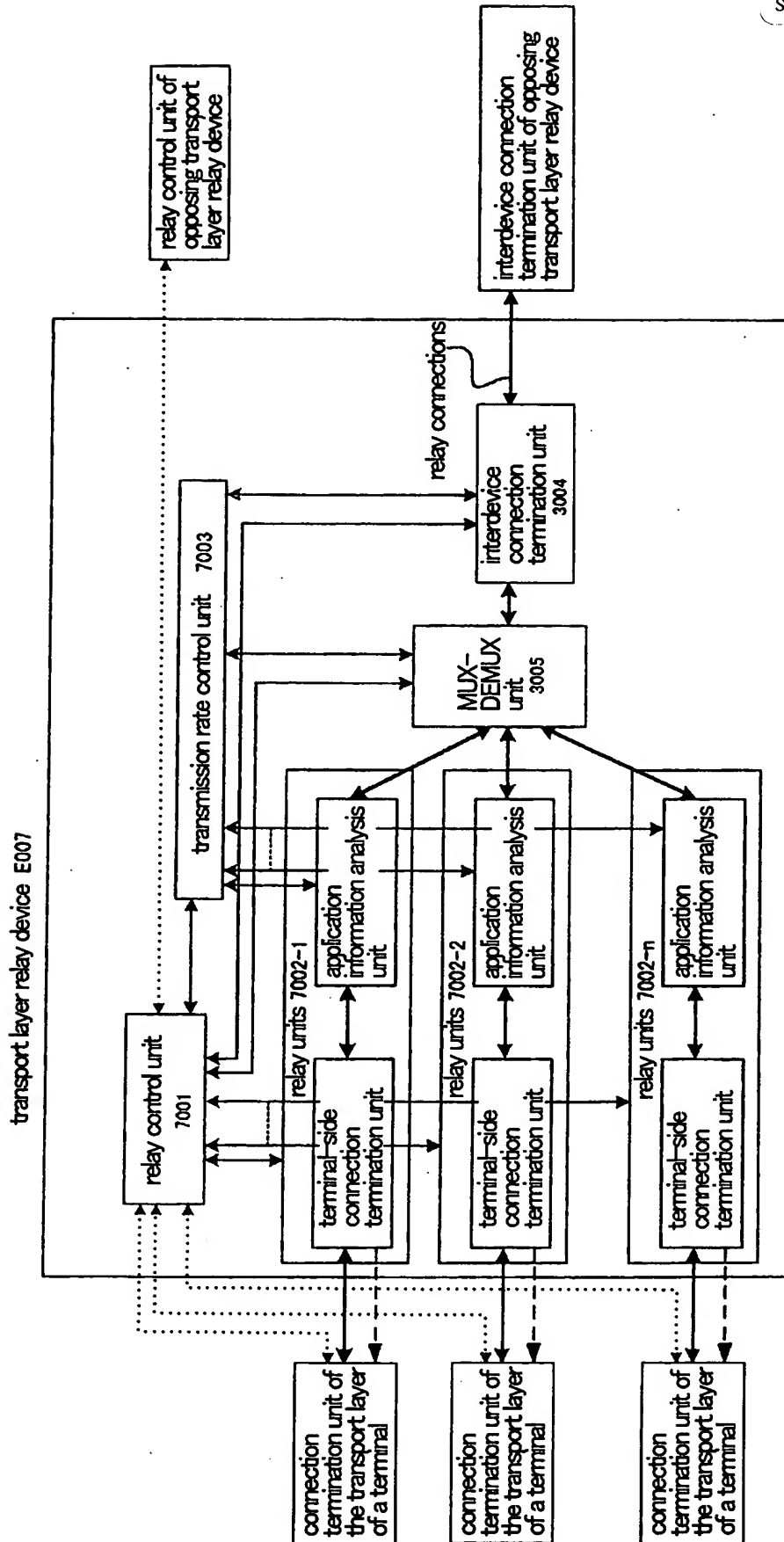
Network configuration that uses the transport layer relay device of the sixth embodiment

Fig. 21



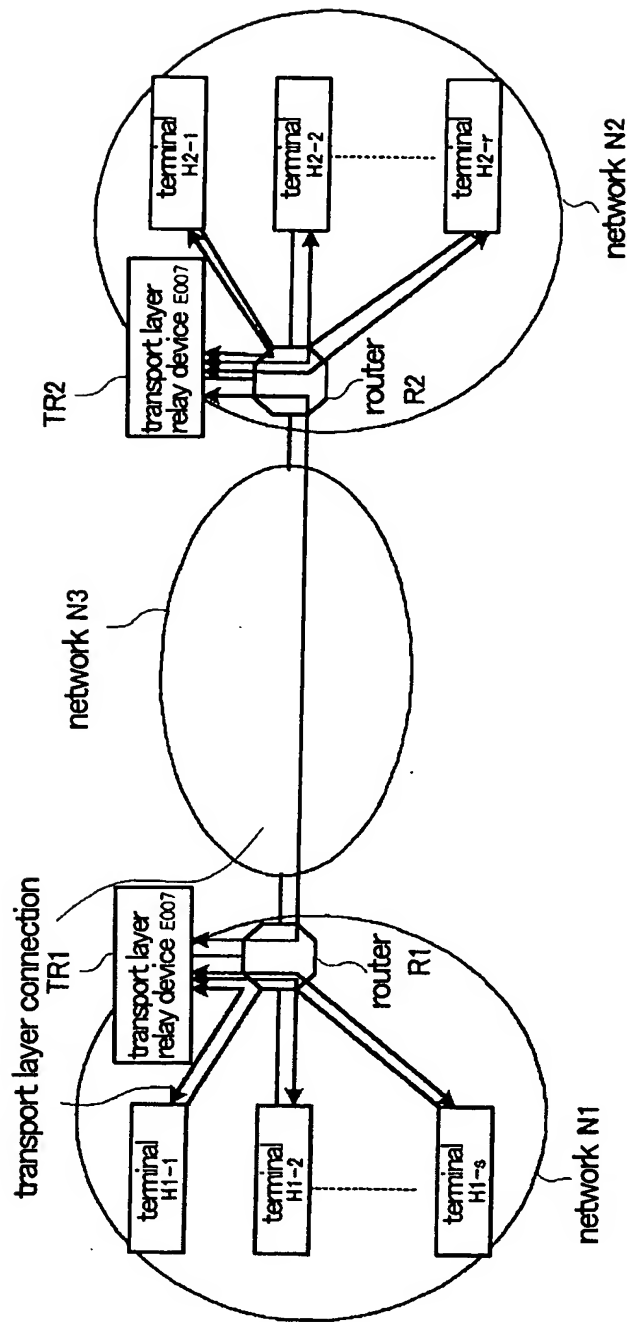
Flow chart of the operations of the transmission rate control unit of the sixth embodiment

Fig. 22



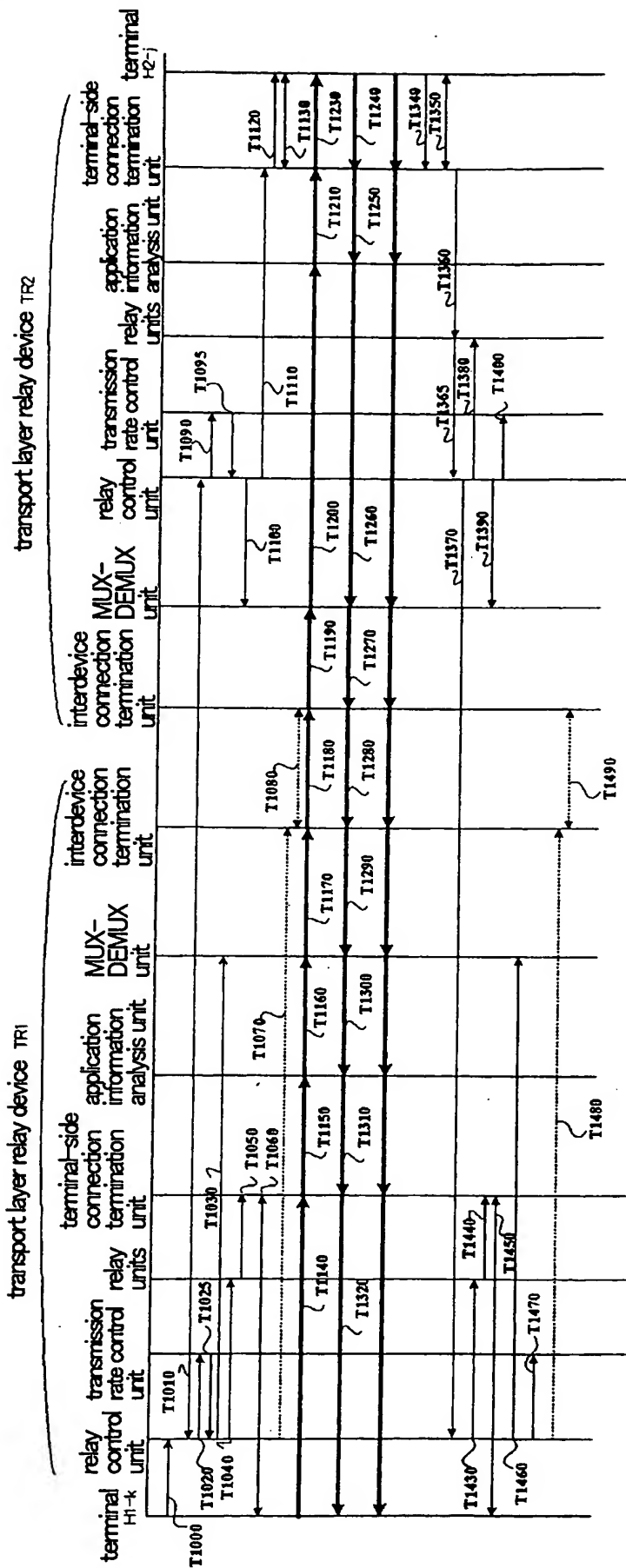
Configuration of a transport layer relay device according to the seventh embodiment

Fig. 23



Network configuration that uses the transport layer relay device of the seventh embodiment

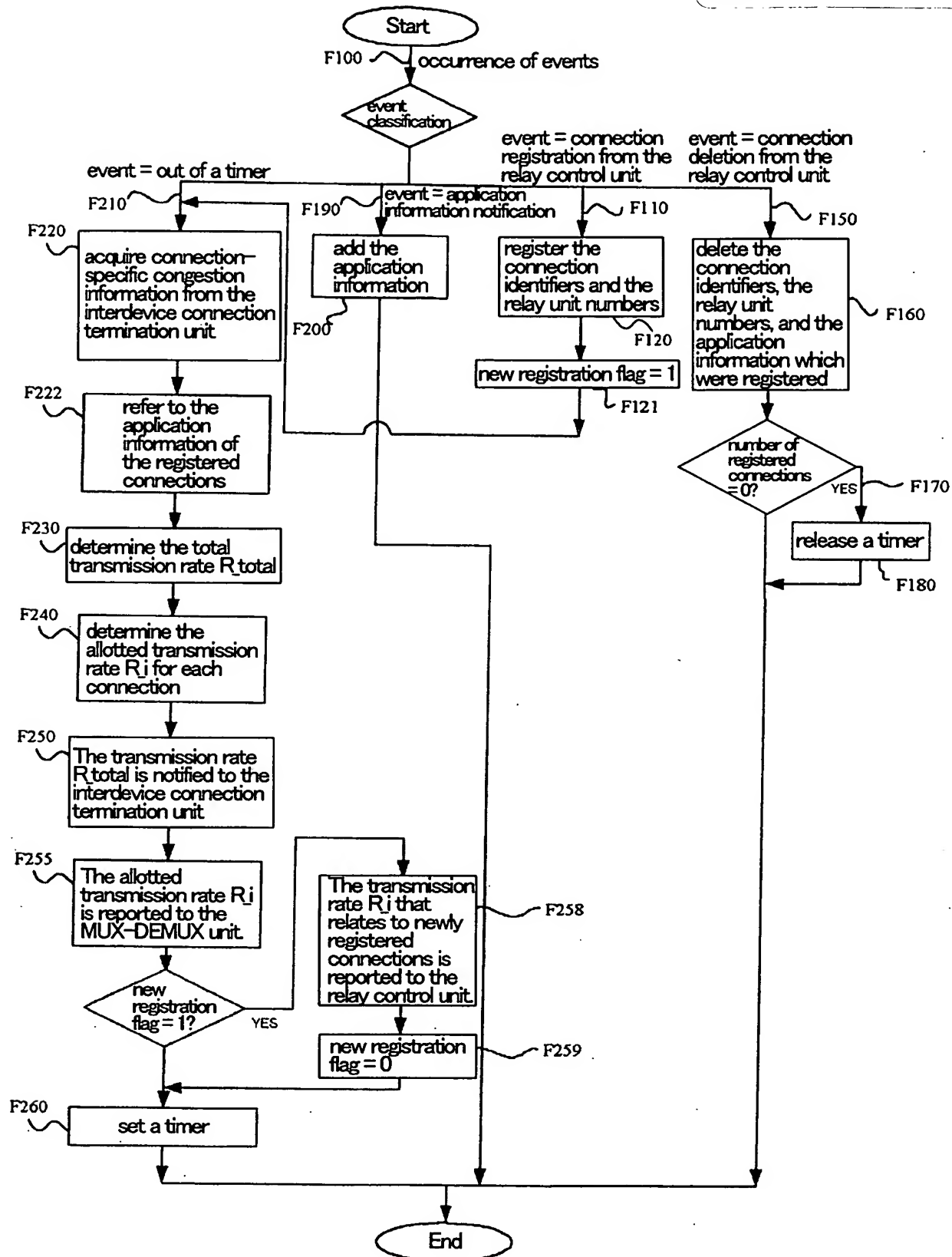
Fig. 24



Operation explaining timing chart of the seventh embodiment

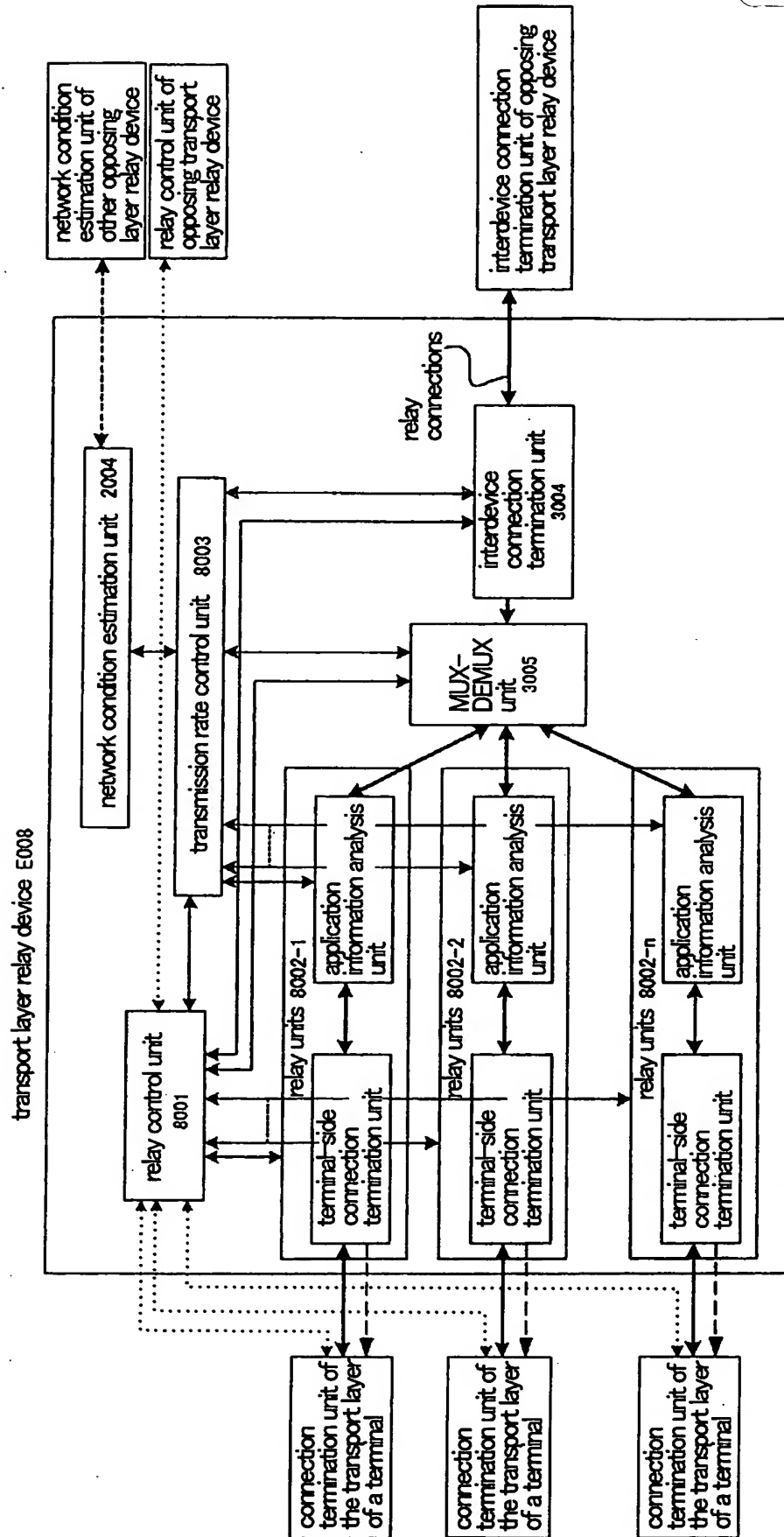


Fig. 25



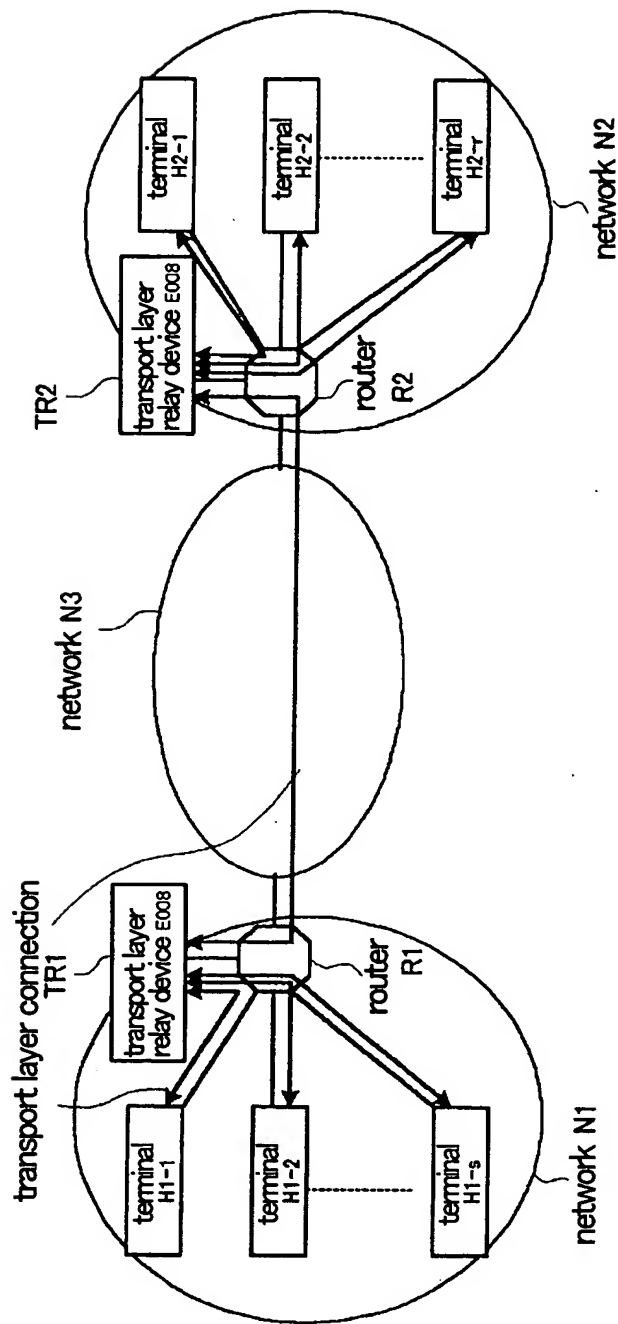
Flow chart of the operations of the transmission rate control unit of the seventh embodiment

Fig. 26



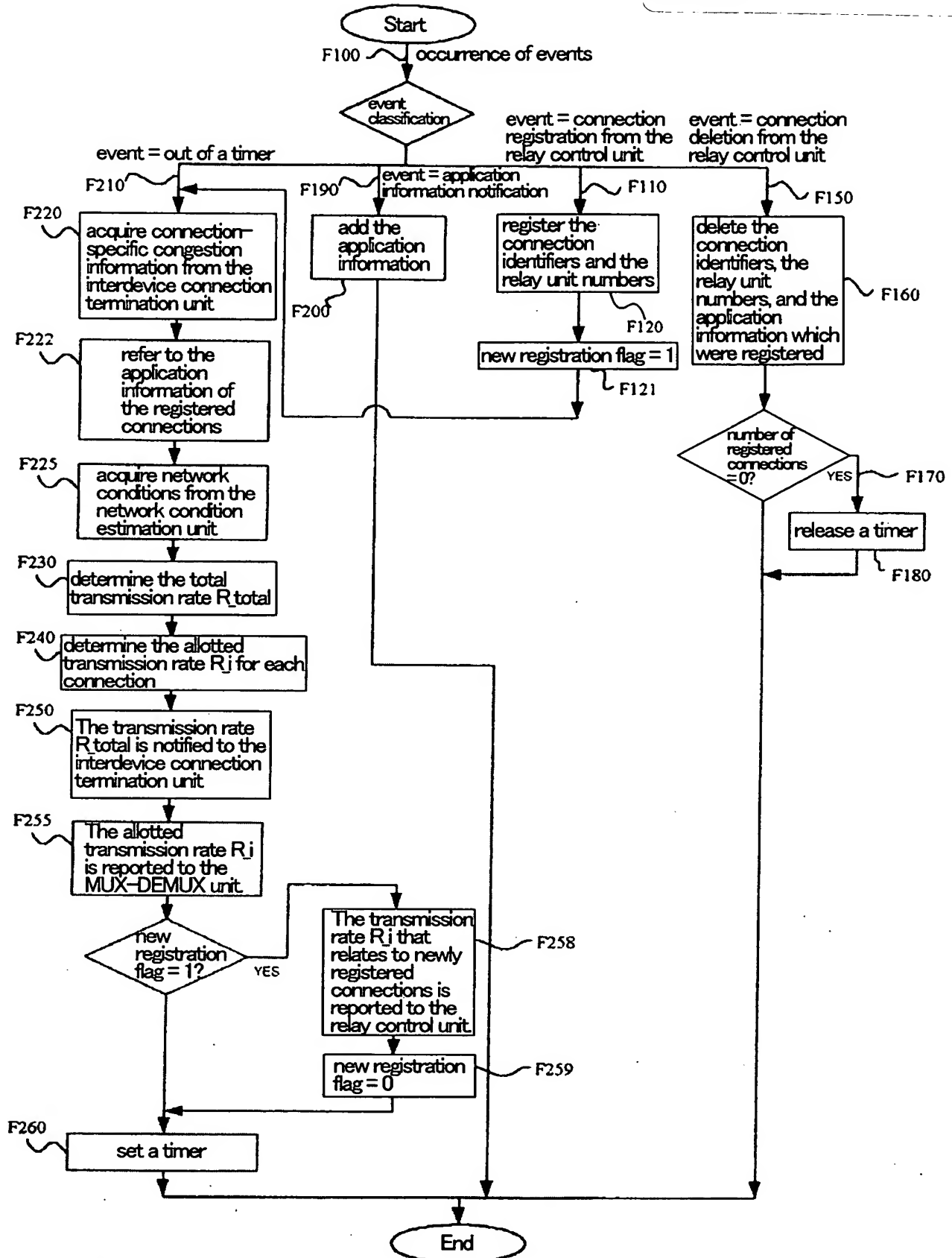
Configuration of a transport layer relay device according to the eighth embodiment

Fig. 27



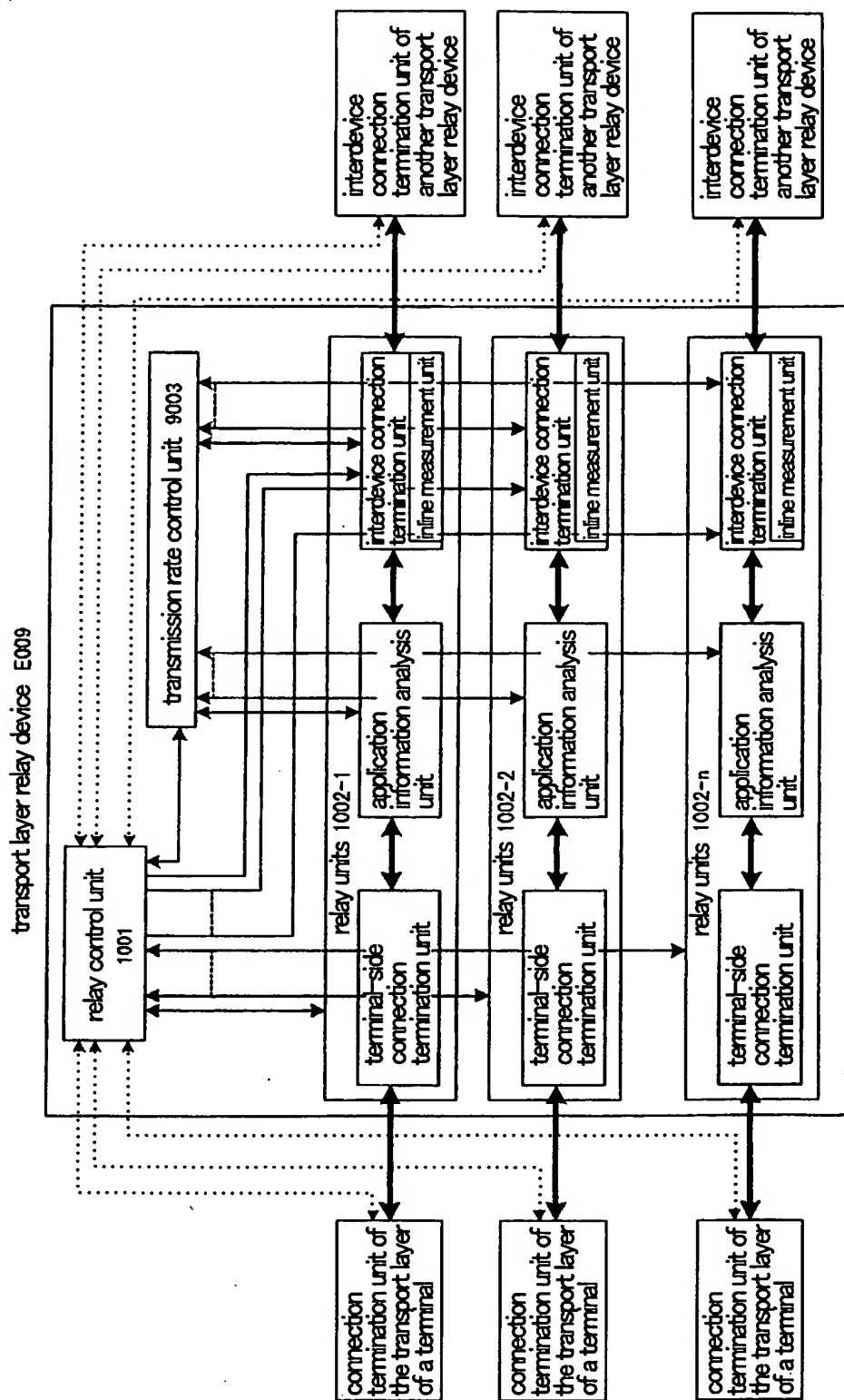
Network configuration that uses the transport layer relay device of the eighth embodiment

Fig. 28



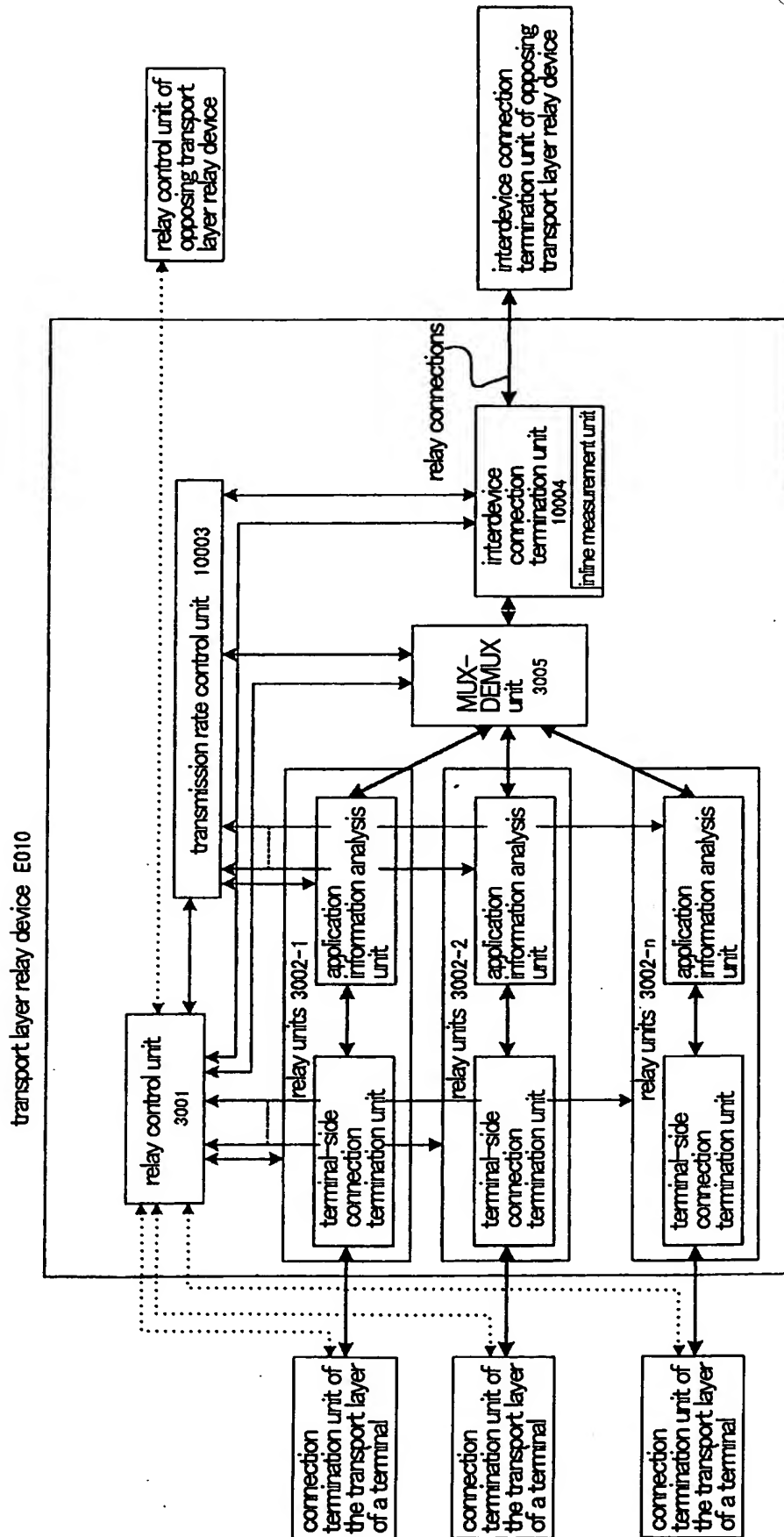
Flow chart of the operations of the transmission rate control unit of the eighth embodiment

Fig. 29



Configuration of a transport layer relay device according to the ninth embodiment

Fig. 30



Configuration of a transport layer relay device according to the tenth embodiment